

Figure 1

The diagram illustrates the signaling sequence for a call setup and release, involving the following entities: CPE_O, TMO, HE_O, CMS_O, RKS, CMS_T, HE_T, TM_T, and SIP-UA_T.

Key Events and Messages:

- Initial Setup:** (a) Invite, NTFY(Digits), CRCX(Inactive), 200 - OK, (1) Gate-Alloc, Gate-Set, CRCX(Inactive, Reserve), (b) Invite, (c) 183 SDP, (d) 180 Ring phone rings.
- Provisioning Phase:** DSA-REQ, DSA-RSP, DSA-ACK, 200 - OK, DSC-REQ, DSC-RSP, DSC-ACK, (2) Gate-Set, MDCX(SendRecv, Reserve), (3) DSA-RSP, (4) DSA-ACK, (5) DSC-REQ, (6) DSC-RSP, (7) DSC-ACK, (8) DSC-ACK, (9) 180 Ring local ringback, 200 - OK, RQNT(rin), 200 - OK, (9) Backbone Provisioning.
- Call in Progress:** MDCX(SendRecv, Commit), NTFY(Offhook), (g) 200 OK, MDCX(SendRecv, Commit), Gate-V, Open, DSC-REQ, DSC-RSP, DSC-ACK, (h) 200 OK, (i) ACK, (10) Gate-Set, (11) DSC-ACK, (12) DSC-REQ, (13) DSC-RSP, (14) DSC-ACK, (15) Qos-Start, Qos-Start, Ack, (i) ACK, Call in Progress with end-to-end SLA QoS.
- Release Phase:** (k) BYE, NTFY(Onhook), DLCX, (l) BYE, (16) DSD-REQ, (17) Qos-Stop, (18) Gate-Close, Gate-Close, (m) 200 OK, Backbone Release, (19) DSD-RSP, Gate-Close-Ack, DSD-RSP, Gate-Close-Ack.

Figure 2

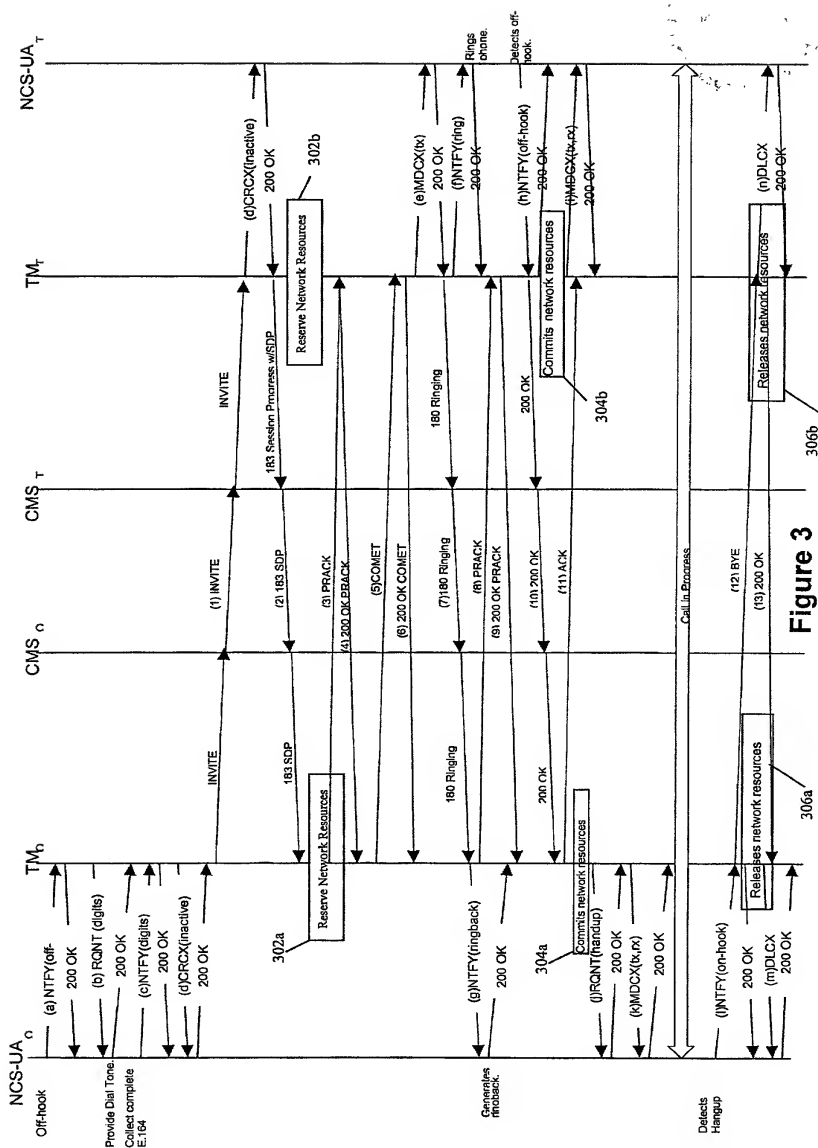


Figure 3

Figure 4

